

From boatanchors@theporch.com Mon Dec 26 12:48:54 1994
Date: Mon, 26 Dec 1994 11:14:06 -0600
Message-Id: <Pine.SUN.3.91.941226103619.12102A-1000000@little-miami.iac.net>
From: Bill Strangfeld <bstrang@iac.net>
Subject: BC224A info needed

Can anyone help with pictures, schematics, or other information about a BC-224-A? According to the third edition of Communications Receivers, this receiver is an ancestor of the BC-348 and the BC-312. Moore says that RCA built 650 of them in 1936-37.

It looks like a cross between the BC-348 and the BC-312, but it does not look at all like the other BC-224 sets I have seen, which were 12v versions of the 348. This one is more the size of the 312 than the 348, but it has the Jones plug in the back like the 348 instead of the 312 ugly plug on the front, and the panel arrangement is not like either the 348 or the 312.

This one came from a small local swap meet but has been modified, so I'd like to learn what its original condition was. My manuals don't cover it, and I don't have the articles by H A Robinson, W3LW, that apparently were in 1986 or 1987 issues of the Old Timers Bulletin and that covered the origins of these sets. Any leads are welcome!

73 de WB8YUW, Bill Strangfeld <bstrang@iac.net>

From boatanchors@theporch.com Mon Dec 26 13:22:32 1994
Date: Mon, 26 Dec 1994 11:48:39 -0600
Message-Id: <m0rMJVf-000955C@nuchat.sccsi.com>
From: sfarmer@tulsa.com (Steven L. Farmer)
Subject: Re: BC224A info needed

>Can anyone help with pictures, schematics, or other information about a
>BC-224-A? According to the third edition of Communications Receivers,
>this receiver is an ancestor of the BC-348 and the BC-312. Moore says
>that RCA built 650 of them in 1936-37.
>

A quick check of my Surplus Conversion Handbook isn't very helpful. The table "CONVERSIONS IN THIS BOOK" lists the 224, but points to a couple of articles about the 348, neither of which specifically mentions the 224. What's the tube lineup in the 224?

Steve Farmer WA5RPF - former hostage ;-)

From boatanchors@theporch.com Mon Dec 26 23:28:15 1994
Date: Mon, 26 Dec 1994 21:51:17 -0600
Message-Id: <9412270351.AA05199@kali>
From: wallace@jericho.mc.com (Andy Wallace)
Subject: COND, R388, DRAKE, RUBES

Hello, All in Boatanchor-land.

Thanks for welcoming me back. Rest assured, I've missed you all. My Usenet to Fido feed went away, and the current one (which does allow private e-mail) won't allow email list groups. But all is well; my new job lets me have a Unix account and I am enjoying boatanchors again, and subscribing to the pipe digest group. Before you ask -- no, I never smoke in front of my boatanchors!

I hope this message formats correctly. Time is limited at work and I wind up reading mail at home on the PC. This is tedious as I can't do anything but VT-102 emulation and there appears to be no way of file transferring on my system. So I got a copy of "sz" (Zmodem Send for Unix, Forsberg 1989, probably more recent versions out there) for downloading my mailbox, and since the rz doesn't work, I have to do a "cat > filename" and then ASCII upload my replies to the home directory, and mail the file! VERY clunky, but hopefully all will go OK.

Hope everyone had happy holidays. Santa brought me something unexpected: a Hallicrafters S-38B. I have a -DM with the simulated woodgrain metal cabinet and the rectangular dial... Is the -B a rare set? I could also use a manual for it if anyone on the list has one. Condition is good outside ... my brother left it in dusty condition so I would have the fun of restoration. :-)

I missed all the discussion about Drakes months ago. If someone would be kind enough to email me the "Drake List" of released products, please do! I might have additions/corrections/comments...

Now, to the replies.

===

>From: don merz <71333.144@compuserve.com>

Rube Goldberg radios....well, asuming that we throw out all the CAM-driven, threaded rod nightmares that Collins built--since they are probably in a class by themselves--then I have two nominations.

~The National NC-200: Pull out the tuning knob and turn to change bands (
~this moves a rack of coils along two slides on the underside of the chassis)...
~and then push the knob back in to use it to tune the selected band!

My dad has his old NC-2-40D. One time, when I was about 13, I dragged it up from the basement and set it up for a while in my room. (I had been using my HRO-50.) It took me a good 15 minutes to figure out how to change bands!!!

~Finally, of course, though not a radio, the National PW-style dial has to
~get an honorable mention. Whaddaya mean the number in the little window
~changes as you turn the dial?

Heh heh... Yeah, but of course the added benefit of that dial was that it gave you more control while tuning the HRO-50 ... you know, when the kHz-per-revolution on band C was like 900?!

===

>From: don merz <71333.144@compuserve.com>

~One Rube I forgot: The Navy RDZ radio. This is a UHF set that included
~no fewer than 12 Collins autotune units (as used in the ART-13 and
~elsewhere). Changing channels would often set 9 of these in motion at
~once! You'd have to see it to believe it.

An ex-Navy man at work says that might be the RD2, not RDZ. But he's not completely sure...

===

To all the filter comments (R390a ones in a modern rig) -- thanks for all the input. I'll have to get that SOLID STATE DESIGN FOR THE RADIO AMATEUR and do some headscratching of my own.

===

>From: Nick England <nick@cs.unc.edu>

~AHA - I did save it after all - from my message of 29 Mar 1994

~-----

~Not meaning to flog a dead horse, but I did promise to post the
~following equipment grading info from the Collins Collectors Magazine
~(July 1991).

Well, now that the "barating" list has been set up, I will be subscribing and discussing these ideas there... But I think that what we all care about is some way to get a fair assessment of the physical and electrical condition of the rig. The comments about the physical condition have been pretty much on the mark... I still say that MINT is right-out-of-the-box, and I've seen darn few of those that weren't coming out of the box at the time, at the dealer. ANY ding, scratch, dial discoloration, etc., means no longer mint.

As far as electrical condition goes, we may have these choices:

- WORKS WELL
- WORKS (may be out of calibration)
- INTERMITTENT
- LIGHTS UP (may not play, but doesn't smoke; dials light)
- NEEDS REPAIR (something is broken/burned out)
- UNTESTED

"Untested" is a necessary category (and I respect Don Merz for pointing such out in his ads). It shows that the radio is in an unknown condition and may or may not work when powered up. One can assume "needs repair" at worst case...

It would be really nice if we can get Barry Wiseman to adopt a standard at Electric Radio, and then it would be really nice if he would NOT COUNT RATING WORDS as words in an ad, to encourage people to accurately describe their equipment for sale.

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>From: Mark Shaum <mshaum@xnet.com>
Subject: Re: R-390A filters -- in xistor rigs?

~Hiya, Andy! Nice to see you in boatanchors, but don't forget the lonely
~Radios_Old ARN conference, eh? Anyway.. I think I can suggest a general
~circuit that you can use to 'patch in' an external filter to the R71, but
~its probably a bit complex to discuss via the list. Email or Netmail me
~your address and I'll send some suggested circuitry. As you recall, I've
~patched 455 khz ceramic filters in a number of old receivers (at least
~the ones that I USE regularly!), and the same principles apply with using
~more-desirable mechanical or crystal lattice filters.

Yes, Mark, I'd like to see that outboard filter circuit. Email it to me
(in ASCII) at wallace@mc.com if you would, or I could give you the
USMail address. Or, post it on RADIOS_OLD. I hope Darren Leno can put
that on the Fido backbone! That would be nice...and it would surely
boost traffic.

USMail: Andy Wallace, POB 395, Chelmsford MA 01824.

Don't forget it's 32c per oz as of 1/1/95. <grin>

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>From: Mark Shaum <mshaum@xnet.com>
Subject: HQ-129X Info

~For the last two weeks I've been thoroughly enjoying my latest addition
~to the anchor collection, a nice Hammarlund HQ-129X. The dial
~calibration and general stability runs rings around my other
~single-conversion general-coverage w/hamband bandspread receivers.
~(SX-99, R100A, etc.)

~About the 129X - I understand there were two versions, one which was in
~production during WWII and a facelifted version that was released to ham
~markets just after the war ended. Does anybody have any info about the
~differences between the two styles of 129X? There is no date on my
~manual or anywhere visible within the receiver, so I can't really tell
~which one I have.

I am not sure, Mark. I think one version had an S-meter with the
case outside the radio cabinet - I think it was round, too. Mine, and
I'm not sure of the age, has the narrow upside-down-smilie with the
yellow meter dial showing underneath. (Calibrated 1-9, too!) The dial
escutcheon covers it, and the Ant Trim control is mounted beneath the
meter, on the escutcheon.

Mine was given to me some months back, from the old ham club at
Honeywell, which died...

I still haven't checked it out. I should tackle the fizzling IF
can in the HQ-170 first!

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>From: David Stinson AB5S/7 <72227.1640@compuserve.com>
Subject: AVOIDING RIP-OFFS

~While every person I have dealt with on Boatanchors has been
~"four-square" and honest with me, there seems to be
~a few creeps around on wrecked.radio.sunk. So I'd
~like to post the following suggestion to the membership:

Good suggestions, David. I also use a Postal Money Order when
paying. That way, they don't have to wait for a check to clear, and I
can probably get a faster claim if something goes wrong.

I have only been ripped off once, and I suppose it was mostly my
fault. I could have fought and argued, but the item was something I was
having trouble finding, and I know I can fix it eventually. Besides, my
other "bargains" more than make up for one ripoff, right? <grin>

But by and large, I have found mail-order people to be honest.
Don Merz posted some suggestions months ago, and I thought one excellent
one was to get the seller's work phone number.

As far as hamfests go, I always carry a small speaker and a bit of antenna wire around in my backpack. Usually there is AC power available, and I can check a prospective radio out. It pays to try something out firsthand. If you can't do that, then get as much info from the seller as you can.

But I think the boatanchorists are an honest bunch. Heck, I found a National NBFM adapter and some R-388 handles here!

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>From: Fel Cruz <fjcz@ucdavis.edu>
Subject: Boatanchor (R-388) question (fwd)

~I seem to have a problem with my R-388. It seems that when I bandswitch, ~every other band seems "dead" i.e. poor or no reception except for some ~strong am station interference at the far end of the scale. Anyone out there ~know what the problem might be?

I don't have my manual here (do you have one?) but I think I saw this question before, some time back. It seems to me the answer was something about a switch -- something in the MHz change arrangement hit a contact on each band, and alternated between crystals or something. I hope this jogs someone's memory. I'll go get the manual later, and hopefully I'll have solid info for you...

===

>From: Mark Shaum <mshaum@xnet.com>
Subject: RME 4300/4301 info

~I'm looking for any source for a manual, schematic or related information ~on an RME/Electro Voice 4300 receiver and 4301 sideband adapter.

~And regarding that nice dual-speed dual planetary main tuning drive ~apparently used on RME receivers up through the 6250 (last one?), if you ~choose to disassemble it, watch out.

I wish I had written down the model number of the RME that went up for sale at the Billerica (MA) 1200 Club Radio auction this year. 4350? It looked like a late-50s early-60s style. Impressive. Clean, went for \$125 I think. I almost bid on it, but oh....then I'd just want EVERY OTHER RME!!! <grin>

= = = = = = = = =

Take care, everyone. Feel free to send replies to the list, or else email me at wallace@mc.com.

--Andy Wallace

From boatanchors@theporch.com Mon Dec 26 17:51:51 1994
Date: Mon, 26 Dec 1994 16:16:29 -0600
Message-Id: <199412262116.PAA18552@theporch.theporch.com>
From: "MELUCAS, MARC P." <MELUCAS@wsmc-mis.af.mil>
Subject: Condition Rating for Boatanchors

Hello All, and Jack, Phil, Tony, David, Nick, Hal, and Tom-

I hope I did not forget anyone who weighed in on the "BA Condition" thread. Hope everybody had a great Christmas!

Now that I am back in town, the idea of a temporary list to develop a BA unique rating guide sounds good to me. (pardon the typo, but this editor don't allow any backtracking) Whoever sets it up can name it, just send me and anyone else who wants to participate the name and address.

The idea of looking up similar condition rating guides from the Collins collectors, model trains, and the NRA should provide a solid foundation. What I would like to see is all of that *TAILORED* to BA's, so it fits and shows some good thinking to anyone who reads it.

This is my post for today, since us "gummint" people have the day off, and I don't want to hang at the office.

The collective talents on our list should be able to make a workable guide to grading BA's.

Marc, KB0JPQ

From boatanchors@theporch.com Mon Dec 26 17:59:43 1994
Date: Mon, 26 Dec 1994 16:23:35 -0600
Message-Id: <Pine.AUX.3.91.941226161537.22097A-1000000@theporch.theporch.com>
From: Phillip Porch <root@theporch.com>
Subject: Re: Condition Rating for Boatanchors

On 26 Dec 1994, MELUCAS, MARC P. wrote:

> Subject: Condition Rating for Boatanchors
> Now that I am back in town, the idea of a temporary list to develop
> a BA unique rating guide sounds good to me. (pardon the typo, but this editor
> don't allow any backtracking) Whoever sets it up can name it, just send me
> and anyone else who wants to participate the name and address.

I have subscribed you (Marc) in the new list baratings but no one else has been added. I will let them subscribe via the usual process by sending email to listproc@theporch.com
a blank subject line

subscribe baratings (Your name goes here)

--

Phillip P. Porch <root@theporch.com> NIC:PP1573
http://www.theporch.com UTM - 16 514548E 3994397N

From boatanchors@theporch.com Mon Dec 26 17:50:20 1994
Date: Mon, 26 Dec 1994 16:15:10 -0600
Message-Id: <199412262045.MAA15650@netcom8.netcom.com>
From: rmccarty@netcom.com (roger mccarty)
Subject: FS: Halli SX62A

There is a Hallicrafters SX62A for sale in the Sacramento area. I backed out of the purchase due to shipping problems, and thus offered to list it here.

The gentleman, Bob AC6HF, is asking \$200 and is complete with speaker. Call him at (916) 966-3654

Roger

From boatanchors@theporch.com Mon Dec 26 17:55:55 1994
Date: Mon, 26 Dec 1994 16:17:57 -0600
Message-Id: <199412262133.NAA00211@netcom14.netcom.com>
From: rmccarty@netcom.com (roger mccarty)
Subject: FS: Halli SX62A w/ spkr

Hi All,

I backed out of a purchase due to shipping difficulties, thus I told the gentleman I would list it here for him.

He has a Hallicrafters SX62A with matching speaker, described as very good condition, in the sacramento area. He would like \$200.00 for it and prefers a local pick-up.

If interested, please call Bob AC6HF, at (916) 966-3654.

Roger

From boatanchors@theporch.com Mon Dec 26 19:52:31 1994
Date: Mon, 26 Dec 1994 18:16:29 -0600
Message-Id: <Pine.3.89.9412261824.A26820-0100000@cyclone>
From: Mark Shaum <mshaum@xnet.com>

Subject: Re: HQ-129X Info

On Sat, 24 Dec 1994, David Messenger N4-2E EXT 3926 wrote:

>
> Mark,
> I have an HQ129X as well. It is going to be a gift for my Father inlaw
> I hope he likes it- it is very heavy, I'm not sure if he can even lift it!
Re: SX99
> christmas. Is it similar at all in performance to the HQ129 (other than
> stability)? I understand that it has a xtal calibrator.

Dave, the SX99 is several years newer, and considerably more stylish than the 129X, with the classic Hallicrafters black/silver two tone cabinet. It's smaller and lighter, and more lightweight in design as well. The 129X has three IF stages vs. the 99's two, and a more effective noise limiter. There is no xtal calibrator in my 99. Both are single conversion receivers with a 450 khz area IF. The 99 covers the 540khz to 30 mhz range in four bands, with a separate bandspread dial for the 80/40/20/15 and 10 meter bands. The 129X covers the same range in six bands, which may account for the more accurate dial calibration. The 129X shows its age a bit by including bandspread for the 11 meter band.

I'd say both would make decent tube SWL receivers, but the 129X is a lot more effective when used for ham bands with its greater selectivity and stability. Neither uses a product detector, so tuning CW or SSB is by the audio gain up and ride the rf gain with AGC off method. A simple outboard product detector (40673 on scrap perf board, no-holes mod) would make it a lot more convenient. I have one patched into my older SX111 and it works wonders for my sanity during SSB reception. And then again, these old anchors OUGHT to be used for AM reception!

I'd do some quoting from the '99 manual, but I'm in the midst of my year end multi-room junk box inventory/cleanout and doubt that I could find any specific document within an 8 hour period with the current spread-over-the-house status of my stuff <grin>.

73! Mark, NE9G

From boatanchors@theporch.com Mon Dec 26 19:16:27 1994
Date: Mon, 26 Dec 1994 17:41:06 -0600
Message-Id: <9412262341.AA14812@red-eft.la.ca.us>
From: "Hugh D. Stegman" <driver8@red-eft.la.ca.us>
Subject: Re: Influence of Collins styling

>Did styling count?

Waters sold a lot of coax switches by making them as close to "Collins Panel Grey" as they could get. This was an announced design aim.

Hugh NV6H

From boatanchors@theporch.com Mon Dec 26 20:06:47 1994
Date: Mon, 26 Dec 1994 18:33:05 -0600
Message-Id: <Pine.3.89.9412261811.B26820-0100000@cyclone>
From: Mark Shaum <mshaum@xnet.com>
Subject: RME 4300/4301 info

I'm looking for any source for a manual, schematic or related information on an RME/Electro Voice 4300 receiver and 4301 sideband adapter. From what I can tell this is an early 50'sish ham bands only receiver covering 160 to 10 meters, using mostly 7 and 9 pin miniature tubes. Single conversion, 450 kHz IF. I've already checked with all the usual advertised manual sources. W7FG has a 4300 in his garage, but no manual(!).

And regarding that nice dual-speed dual planetary main tuning drive apparently used on RME receivers up through the 6250 (last one?), if you choose to disassemble it, watch out. The eight larger ball bearings are no problem. The zillion tiny ones that unexpectedly fall out during the final disassembly steps are a bit of a pain to locate. Work on the drive while everything is held over a shoebox lid or equivalent and save yourself the chore of eyeballing the shack floor looking for tiny steel globes!

Unfortunately, my 4300 drive has a pretty worn out pressure plate, so the high-ratio (inner knob) drive slips a bit no matter what consistency of grease I choose to pack the planetary assembly with. Anybody with a junker 4300 receiver with a working dial drive, feel free to speak up!

73! Mark, NE9G

From boatanchors@theporch.com Mon Dec 26 19:19:39 1994
Date: Mon, 26 Dec 1994 17:45:05 -0600
Message-Id: <9412262340.AA18068@dua150.kpt.emn.com>
From: ornitz@emn.com (Barry L. Ornitz)
Subject: Simple Cleaning of Silver Plated Parts (was boiled capacitors)

Several posters have recently suggested using lemon juice as a mild acid to clean capacitors and other parts. Just make sure the lemon juice is thoroughly washed off the parts after cleaning and an appropriate oil or other lubricant is applied to the joints.

To clean silver-plated parts, without abrading away the silver like most

silver polishes do, I suggest the following technique. The parts must withstand the temperature of boiling water.

Get an aluminum pan, preferably one that can be thrown away afterward like a pie tin, or since it is the holiday season - a turkey roasting pan. [No comments about my boatanchors all being turkeys, please!] Add water to the pan and about a teaspoon of ordinary table salt. Place the part to be cleaned in the salt water and place the pan on the stove. Heat until the water boils. Any silver plated parts to be cleaned must make electrical contact with the aluminum. Touching the bottom of the pan is adequate, but a clip-lead may be used if necessary.

Within seconds, the black silver tarnish will disappear on the parts, and the aluminum pan will gradually turn black. I have used this technique on everything from VHF tank components to a 4CX5000 tube.

Chemically what happens is that the black tarnish, principally silver sulfides, reacts in the solution with the aluminum. Some aluminum goes into solution as the sulfides are reduced, hence the need for electrical contact between the aluminum and the silver part (they form an electrolytic cell). The sulfur winds up reacting with the aluminum leaving the tarnish on the pan. This is the reason why you might want a disposable pan. Boiling the salt solution is not really necessary, but it does speed the reaction.

Wash the parts afterward carefully in running water to remove all traces of the salt solution. If you want a shinier finish, use a conventional abrasive cleanser after cleaning with this technique. Once again, be sure and lubricate all appropriate parts to prevent future corrosion.

73, Barry WA4VZQ ornitz@emn.com

From boatanchors@theporch.com Mon Dec 26 18:59:22 1994
Date: Mon, 26 Dec 1994 17:22:01 -0600
Message-Id: <9412262317.AA18046@dua150.kpt.emn.com>
From: ornitz@emn.com (Barry L. Ornitz)
Subject: Twin-T RC Filters (and SPICE for vacuum tubes!)

Bill Hawkins asked about a Twin-T RC bridge circuit...

I have a General Radio Twin-T Impedance Bridge at home. It covers 400 kHz to 40 MHz. The manual with this bridge gave a lot of theory of the network. I will look it up when I go home. {Writing a program to handle all of the math for this bridge is a future project.} In the mean time, I found the following in Landee et al.:

Using SPICE * notation where the input is node 1, the output is node 2, the common is node 3, and the two internal nodes are 4 and 5, the

network may be described:

R1 1 4 R (Resistor R1 between nodes 1 and 4 with value R)
R2 4 2 kR (Resistor R2 between nodes 4 and 2 with value kR)
R3 5 3 bR (Resistor R3 between nodes 5 and 3 with value bR)
C1 1 5 C (Capacitor C1 between nodes 1 and 5 with value C)
C2 5 2 C/k (Capacitor C2 between nodes 5 and 2 with value C/k)
C3 4 3 C/b (Capacitor C3 between nodes 4 and 3 with value C/b)

This is the parallel-T or Twin-T circuit. A related circuit is the bridged-T which is covered in the same text. Basically the Twin-T network introduces no attenuation at zero or infinite frequency (input to output) and theoretically can be designed to have any desired attenuation at a particular frequency. When used in frequency selective amplifiers, the null network is used in the feedback loop. At the null frequency, the amplifier will have its highest gain; on either side of the null frequency, the amplifier will have lower gain. [Bill, send me your mailing address and I will photocopy the full section for you.]

For the above network values, the UNLOADED transfer function is:

$$E_o/E_i = ((w_o/w - w/w_o) + j(b+b/k-1))/((w_o/w - w/w_o) + j(b+b/k+1/k+1/b))$$

where: $w = 2\pi F$ and $w_o = 1/(R \cdot C)$

At the center frequency, i.e. maximum attenuation this reduces to:

$$E_o/E_i = (b^2 \cdot (k+1) - b \cdot k)/(b^2 \cdot (k+1) + b + k)$$

For a complete null at $w = w_o$, two conditions must be met:

$$b = k/(1+k) \quad \text{and} \quad R \cdot C = 1/w_o$$

Increasing the value of "k" increases the Q of the network although increasing the value beyond 100 causes no appreciable reduction in bandwidth.

With various circuit configurations, a Twin-T network can produce a notch filter, a peak filter, or an oscillator. The grid of a vacuum tube stage generally suffices for a practical approximation of an infinite load impedance for the network. The Twin-T makes for handy tuneable filters in vacuum tube gear (and {shudder} op-amp circuits too).

* SPICE - Simulation Program with Integrated Circuit Emphasis. So as not to offend the diehard boatanchors, I would like to note that Intusoft, one of the commercial software vendors supplying SPICE simulation programs, recently advertized having about 40 vacuum tube

models available for their program. These should make the hi-fi wrecked.audio.phreaks very happy!

73, Barry WA4VZQ
ornitz@emn.com

From boatanchors@theporch.com Mon Dec 26 17:56:14 1994
Date: Mon, 26 Dec 1994 16:19:35 -0600
Message-Id: <199412262138.NAA00583@netcom14.netcom.com>
From: rmccarty@netcom.com (roger mccarty)
Subject: Value? Viking 1?

Can someone help me place a value on a Johnson Viking I, with VFO and Manual, in condition described as average/working?

Also, this is the second time I have asked for help in placing a value on equipment, I hate to continue with this is it is not appropriate, so if there is a book(s) that someone might recommend, that would be helpful as well.

For those that have responded in the past, THANKS very much. Your input and suggestions are very much appreciated.

Roger KD6CC rmccarty@netcom.com

From boatanchors@theporch.com Mon Dec 26 23:00:46 1994
Date: Mon, 26 Dec 1994 21:26:03 -0600
Message-Id: <Pine.SUN.3.91.941226220311.14689B-1000000@access1.digex.net>
From: Tony Stalls <rstalls@access.digex.net>
Subject: Re: Value? Viking 1?

On Mon, 26 Dec 1994, roger mccarty wrote:

> Can someone help me place a value on a Johnson Viking I, with VFO and
> Manual, in condition described as average/working?

Roger,

Setting a price is tough sometimes. I check ads in ELECTRIC RADIO, the Yellow Sheet, on the rec.radio.swap, and other places to get an idea of what similar items are going for. It's entirely subjective.

For what it's worth, I have a Viking II with a 122 VFO in good condition with a very good front panel and a few scratches and paint flaking on the sides of the cabinet. With the VFO, I paid \$150, but I had to replace the plate switch and the electrolytic capacitors. I'd consider it to be in very good and if I were to sell it, I wouldn't take less than \$200, That

might be a little high, but it's definitely a good looking specimen and is a "plug-n-play" transmitter to boot. It's sometimes difficult to convey that to a potential buyer though.

The Viking I uses a 4D32 (I think that's it) that's a much more difficult tube to find and Antique Electronic Supply lists them for \$95 each as compared to \$22.15 each (same source) for the fairly common 6146B, or \$44.30 for the two. If you insist on a matched pair, they go for \$60 from RF Parts.

In "average" condition, the tube replacement potential alone would make the Viking I worth less. However, that would be my analysis if I were considering buying one, but this BA thing can throw real curves and the thing could be worth a bundle.

Good luck & 73,

Tony
K4KY0

From boatanchors@theporch.com Mon Dec 26 17:57:40 1994
Date: Mon, 26 Dec 1994 16:21:31 -0600
Message-Id: <941226170022_7551805@aol.com>
From: HP95@aol.com
Subject: Wanted Antique Radio Parts

Wanted Russian Radios
Tubes new or used
1LG5,,7B7,117P7,WD-11(dud) 1LB4,1A5,01A (dud)
Escutcheon & Dial Glass for Motorola 61X17
Escutcheon for Sears #101.583 Model # 6346,6446
Dial scale Setchell Carlson 416
Plastic dial cover for Zenith 6D-510

Dial Cord Stringing guide DC-5
Riders 2,3,16,17,18
Citizen Callbook Vol 10 #3 Nov 1929
Manual for Heath IGW-47 osc.
Merit & Stancor Transformer catalogs
Radio Service Encyclopedia Mallory below 4th ed.

Radio knobs misc old plastic wood
Dial pointer knob for Zenith J 733 ch 7 J03
Pushbutton knobs for Coronado 553
Pushbutton knobs for RCA T60 (3)
Knobs for Zenith 8S-661

Knobs for Motorola 60X2
Knobs for GE M61 same as RCA 128 (4)
Knobs for Radiola 80
Pushbuttons for Philco 39-31
Knobs for Zenith 6D-510 (2)
Tuning knob for GE 436

Speaker for AK 325
Power xfmr for RCA R4,R6
Interstage xfmr for Stromberg Carlson 635,636 also feet
4 conductor rayon covered wire
Empty tube cartons

Front cover for Zenith(sailboat) 6G601
Cabinet for Clarion Jr #320
Cabinet for Westinhouse H438T5
Cabinet for Motorola 60X2
Cabinet for Philco 48-460,48-420
Cabinet for Coronado 05RA2 43-823A

*** I would prefer to trade for these parts, but will pay \$.

*** If you are interested I will email you my antique radio
for sale list which includes parts, books ect...